TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 1 of ?)

Lab: Madison
Biomarker: Acetonitrile (ng/mL)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	631.37, 516.80	199.98, 165.35	415.67, 292.33	323.49, 174.41	86.58, 75.97	250.60, 135.06
	SD, SE	445.073, 199.042	130.414, 58.323	383.786, 121.364	438.341, 146.114	43.049, 21.524	376.180, 104.334
	MEDIAN	584.53	151.77	307.82	154.70	90.77	134.78
	MIN, MAX	211.53, 1346.61	66.48, 374.01	66.48, 1346.61	30.00, 1436.85	30.00, 134.78	30.00, 1436.85
	5%, 95%	211.53, 1346.61	66.48, 374.01	66.48, 1346.61	30.00, 1436.85	30.00, 134.78	30.00, 1436.85
	BLQ Values Included	0	0	0	3	1	4
$20,000 to $39,999	N	2	10	12	10	16	26
	MEAN, GEO MEAN	209.31, 209.10	198.40, 187.64	200.22, 191.06	101.94, 84.33	211.20, 117.10	169.18, 103.21
	SD, SE	13.166, 9.310	72.676, 22.982	65.994, 19.051	62.452, 19.749	289.832, 72.458	233.976, 45.886
	MEDIAN	209.31	190.04	201.20	104.14	89.44	93.93
	MIN, MAX	200.00, 218.62	125.00, 354.55	125.00, 354.55	30.00, 214.14	30.00, 972.68	30.00, 972.68
	5%, 95%	200.00, 218.62	125.00, 354.55	125.00, 354.55	30.00, 214.14	30.00, 972.68	30.00, 812.94
	BLQ Values Included	1	0	1	2	1	3
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	661.75, 625.92	146.21, 139.01	344.49, 247.96	81.22, 63.24	264.38, 90.21	191.12, 78.27
	SD, SE	207.322, 92.717	48.380, 17.105	289.553, 80.307	70.690, 28.859	491.289, 163.763	385.142, 99.443
	MEDIAN	727.92	138.27	193.79	62.52	51.70	60.00
	MIN, MAX	306.97, 820.65	80.79, 215.60	80.79, 820.65	30.00, 219.14	30.00, 1521.61	30.00, 1521.61
	5%, 95%	306.97, 820.65	80.79, 215.60	80.79, 820.65	30.00, 219.14	30.00, 1521.61	30.00, 1521.61
	BLQ Values Included	0	0	0	3	3	6
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	182.15, 175.21	328.35, 198.85	301.76, 194.32	146.60, 129.70	62.60, 52.69	97.60, 76.69
	SD, SE	70.421, 49.795	454.676, 151.559	411.555, 124.088	89.118, 39.855	41.057, 15.518	75.356, 21.754
	MEDIAN	182.15	148.21	148.21	119.07	44.43	83.73
	MIN, MAX	132.35, 231.94	75.16, 1508.01	75.16, 1508.01	77.76, 298.36	30.00, 137.39	30.00, 298.36
	5%, 95%	132.35, 231.94	75.16, 1508.01	75.16, 1508.01	77.76, 298.36	30.00, 137.39	30.00, 298.36
	BLQ Values Included	0	0	0	0	3	3

TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 2 of ?)

Lab: Madison
Biomarker: Acetonitrile (ng/mL)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	400.34, 367.45	421.92, 295.43	411.13, 329.48	145.97, 124.97	133.61, 104.71	142.17, 118.35
	SD, SE	187.988, 84.071	367.918, 164.538	275.677, 87.177	71.952, 23.984	86.280, 43.140	73.128, 20.282
	MEDIAN	406.11	348.68	377.40	135.58	142.78	135.58
	MIN, MAX	201.59, 697.98	78.66, 1002.96	78.66, 1002.96	30.00, 234.14	30.00, 218.89	30.00, 234.14
	5%, 95%	201.59, 697.98	78.66, 1002.96	78.66, 1002.96	30.00, 234.14	30.00, 218.89	30.00, 234.14
	BLQ Values Included	0	0	0	2	1	3
$20,000 to $39,999	N	2	9	11	10	16	26
	MEAN, GEO MEAN	924.35, 653.08	425.64, 262.31	516.32, 309.63	183.86, 132.70	279.75, 171.77	242.87, 155.54
	SD, SE	925.108, 654.150	509.208, 169.736	577.680, 174.177	132.719, 41.970	246.654, 61.664	212.386, 41.652
	MEDIAN	924.35	264.95	270.20	162.18	198.72	193.40
	MIN, MAX	270.20, 1578.50	48.66, 1701.68	48.66, 1701.68	30.00, 371.86	30.00, 756.74	30.00, 756.74
	5%, 95%	270.20, 1578.50	48.66, 1701.68	48.66, 1701.68	30.00, 371.86	30.00, 756.74	30.00, 664.01
	BLQ Values Included	0	0	0	1	2	3
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	484.95, 427.28	130.10, 111.03	266.58, 186.44	207.66, 108.04	102.30, 77.50	144.44, 88.51
	SD, SE	255.488, 114.258	64.370, 22.758	237.619, 65.904	258.172, 105.398	98.202, 32.734	179.359, 46.310
	MEDIAN	472.25	146.85	179.28	91.16	78.44	78.44
	MIN, MAX	204.27, 811.99	30.00, 213.74	30.00, 811.99	30.00, 688.37	30.00, 351.69	30.00, 688.37
	5%, 95%	204.27, 811.99	30.00, 213.74	30.00, 811.99	30.00, 688.37	30.00, 351.69	30.00, 688.37
	BLQ Values Included	0	1	1	2	1	3
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	434.37, 316.83	330.18, 258.79	349.12, 268.49	104.76, 77.31	118.44, 71.63	112.74, 73.94
	SD, SE	420.234, 297.150	217.097, 72.366	239.041, 72.074	80.808, 36.139	159.882, 60.430	127.934, 36.931
	MEDIAN	434.37	297.72	297.72	87.72	75.80	81.76
	MIN, MAX	137.22, 731.52	82.10, 612.26	82.10, 731.52	30.00, 207.76	30.00, 475.67	30.00, 475.67
	5%, 95%	137.22, 731.52	82.10, 612.26	82.10, 731.52	30.00, 207.76	30.00, 475.67	30.00, 475.67
	BLQ Values Included	0	0	0	2	2	4

TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 3 of ?)

Lab: Madison
Biomarker: Acetonitrile (ng/mL)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	891.23, 621.27	317.64, 226.44	636.30, 396.71	284.53, 216.68	105.48, 101.01	229.44, 171.33
	SD, SE	900.629, 402.774	323.269, 161.634	732.220, 244.073	215.764, 71.921	36.309, 18.154	196.886, 54.606
	MEDIAN	508.60	181.44	429.35	257.61	99.06	150.00
	MIN, MAX	197.44, 2441.49	113.36, 794.33	113.36, 2441.49	54.99, 722.48	70.47, 153.34	54.99, 722.48
	5%, 95%	197.44, 2441.49	113.36, 794.33	113.36, 2441.49	54.99, 722.48	70.47, 153.34	54.99, 722.48
	BLQ Values Included	0	0	0	1	0	1
$20,000 to $39,999	N	2	8	10	9	16	25
	MEAN, GEO MEAN	1317.61, 907.27	493.17, 279.43	658.06, 353.64	145.88, 105.46	199.11, 117.88	179.95, 113.25
	SD, SE	1351.260, 955.485	752.795, 266.153	874.345, 276.492	109.273, 36.424	293.108, 73.277	241.568, 48.314
	MEDIAN	1317.61	225.04	256.87	126.23	102.03	108.80
	MIN, MAX	362.12, 2273.09	117.46, 2333.96	117.46, 2333.96	30.00, 326.50	30.00, 1168.91	30.00, 1168.91
	5%, 95%	362.12, 2273.09	117.46, 2333.96	117.46, 2333.96	30.00, 326.50	30.00, 1168.91	30.00, 619.94
	BLQ Values Included	0	0	0	3	1	4
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	664.85, 461.88	332.60, 232.32	460.39, 302.60	224.14, 175.62	235.50, 183.47	230.96, 180.29
	SD, SE	767.764, 343.354	277.320, 98.047	519.282, 144.023	166.033, 67.783	168.448, 56.149	161.532, 41.707
	MEDIAN	350.32	272.80	301.72	160.76	173.13	173.13
	MIN, MAX	264.63, 2035.76	46.59, 902.53	46.59, 2035.76	59.43, 480.13	44.38, 568.52	44.38, 568.52
	5%, 95%	264.63, 2035.76	46.59, 902.53	46.59, 2035.76	59.43, 480.13	44.38, 568.52	44.38, 568.52
	BLQ Values Included	0	0	0	0	0	0
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	1423.06, 668.47	397.28, 262.49	583.78, 311.12	180.95, 97.24	107.15, 71.59	137.90, 81.34
	SD, SE	1776.640, 1256.280	418.161, 139.387	792.284, 238.883	225.676, 100.925	107.328, 40.566	162.010, 46.768
	MEDIAN	1423.06	234.08	234.08	92.64	63.51	78.08
	MIN, MAX	166.78, 2679.33	76.49, 1389.35	76.49, 2679.33	30.00, 568.69	30.00, 314.81	30.00, 568.69
	5%, 95%	166.78, 2679.33	76.49, 1389.35	76.49, 2679.33	30.00, 568.69	30.00, 314.81	30.00, 568.69
	BLQ Values Included	0	0	0	2	3	5

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TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 4 of ?)

Lab: Madison
Biomarker: Acetonitrile (ng/mL)
Timepoint: Week 6

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	4	4	8	9	4	13
	MEAN, GEO MEAN	461.08, 440.21	517.18, 311.12	489.13, 370.08	228.91, 146.42	211.40, 143.12	223.52, 145.40
	SD, SE	164.057, 82.028	607.105, 303.552	412.790, 145.943	268.028, 89.343	185.209, 92.604	237.779, 65.948
	MEDIAN	432.78	269.21	394.45	124.87	172.89	150.00
	MIN, MAX	298.89, 679.86	123.92, 1406.38	123.92, 1406.38	30.00, 886.61	30.00, 469.84	30.00, 886.61
	5%, 95%	298.89, 679.86	123.92, 1406.38	123.92, 1406.38	30.00, 886.61	30.00, 469.84	30.00, 886.61
	BLQ Values Included	0	0	0	2	1	3
$20,000 to $39,999	N	3	8	11	10	16	26
	MEAN, GEO MEAN	269.94, 160.08	348.68, 226.57	327.21, 206.09	234.45, 126.48	302.89, 189.29	276.56, 162.10
	SD, SE	253.959, 146.623	455.854, 161.169	399.642, 120.496	265.283, 83.890	242.004, 60.501	248.249, 48.686
	MEDIAN	241.01	212.13	241.01	97.25	277.89	149.20
	MIN, MAX	31.69, 537.13	99.35, 1460.56	31.69, 1460.56	30.00, 744.35	30.00, 670.92	30.00, 744.35
	5%, 95%	31.69, 537.13	99.35, 1460.56	31.69, 1460.56	30.00, 744.35	30.00, 670.92	30.00, 670.92
	BLQ Values Included	0	0	0	2	2	4
$40,000 to $49,999	N	4	8	12	6	9	15
	MEAN, GEO MEAN	609.65, 607.36	200.14, 164.22	336.65, 253.96	202.19, 136.51	231.76, 112.41	219.93, 121.50
	SD, SE	62.123, 31.061	125.920, 44.519	227.589, 65.699	181.839, 74.236	306.822, 102.274	256.570, 66.246
	MEDIAN	596.80	154.15	322.30	121.55	84.72	103.29
	MIN, MAX	548.88, 696.13	49.12, 382.84	49.12, 696.13	30.00, 478.23	30.00, 947.37	30.00, 947.37
	5%, 95%	548.88, 696.13	49.12, 382.84	49.12, 696.13	30.00, 478.23	30.00, 947.37	30.00, 947.37
	BLQ Values Included	0	0	0	1	3	4
$50,000 or more	N	2	8	10	5	7	12
	MEAN, GEO MEAN	732.46, 654.74	686.20, 390.64	695.45, 433.15	97.95, 84.24	178.86, 118.28	145.15, 102.68
	SD, SE	464.343, 328.340	660.868, 233.652	603.348, 190.795	52.385, 23.427	201.616, 76.204	157.816, 45.558
	MEDIAN	732.46	378.05	491.38	105.88	100.22	103.05
	MIN, MAX	404.12, 1060.80	97.44, 1665.36	97.44, 1665.36	30.00, 167.41	30.00, 619.36	30.00, 619.36
	5%, 95%	404.12, 1060.80	97.44, 1665.36	97.44, 1665.36	30.00, 167.41	30.00, 619.36	30.00, 619.36
	BLQ Values Included	0	0	0	1	1	2

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 5 of ?)

Lab: Madison
Biomarker: Acetonitrile (ng/mL)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	642.85, 561.19	345.38, 280.71	494.12, 396.91	245.73, 216.23	134.27, 112.98	211.43, 177.08
	SD, SE	430.729, 192.628	246.117, 110.067	366.004, 115.741	120.614, 40.205	77.509, 38.754	118.605, 32.895
	MEDIAN	450.58	229.39	420.56	294.72	135.68	175.00
	MIN, MAX	380.58, 1398.07	140.28, 697.51	140.28, 1398.07	86.90, 452.37	40.12, 225.61	40.12, 452.37
	5%, 95%	380.58, 1398.07	140.28, 697.51	140.28, 1398.07	86.90, 452.37	40.12, 225.61	40.12, 452.37
$20,000 to $39,999	N	3	10	13	10	16	26
	MEAN, GEO MEAN	536.28, 440.33	344.67, 276.68	388.89, 308.00	167.57, 151.63	248.24, 200.88	217.21, 180.28
	SD, SE	422.956, 244.193	230.342, 72.841	276.891, 76.796	88.292, 27.920	178.856, 44.714	153.629, 30.129
	MEDIAN	347.02	284.87	308.94	142.85	191.70	172.26
	MIN, MAX	241.01, 1020.82	86.83, 775.61	86.83, 1020.82	83.94, 382.95	57.20, 701.92	57.20, 701.92
	5%, 95%	241.01, 1020.82	86.83, 775.61	86.83, 1020.82	83.94, 382.95	57.20, 701.92	83.94, 599.86
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	598.92, 567.16	202.26, 187.02	354.82, 286.55	178.80, 166.23	208.49, 160.70	196.61, 162.89
	SD, SE	251.014, 112.257	82.667, 29.227	255.599, 70.890	78.157, 31.908	163.441, 54.480	132.939, 34.325
	MEDIAN	485.20	192.10	259.92	144.80	156.31	147.07
	MIN, MAX	463.83, 1046.64	85.41, 350.34	85.41, 1046.64	100.55, 309.05	44.47, 547.22	44.47, 547.22
	5%, 95%	463.83, 1046.64	85.41, 350.34	85.41, 1046.64	100.55, 309.05	44.47, 547.22	44.47, 547.22
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	693.01, 497.07	427.26, 313.30	475.58, 340.73	132.57, 112.81	116.76, 94.59	123.35, 101.79
	SD, SE	682.910, 482.890	317.581, 105.860	372.665, 112.363	81.994, 36.669	78.880, 29.814	76.843, 22.183
	MEDIAN	693.01	389.35	389.35	116.68	91.09	111.45
	MIN, MAX	210.12, 1175.90	82.80, 995.06	82.80, 1175.90	41.94, 265.73	30.00, 255.96	30.00, 265.73
	5%, 95%	210.12, 1175.90	82.80, 995.06	82.80, 1175.90	41.94, 265.73	30.00, 255.96	30.00, 265.73

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminatig all BLQ values for the overall statistics.

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 6 of ?)

Lab: Madison
Biomarker: Acetonitrile (nmol/L)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	15392.7, 12599.6	4875.5, 4031.3	10134.1, 7126.9	7886.7, 4252.1	2110.8, 1852.2	6109.5, 3292.7
	SD, SE	10850.90, 4852.67	3179.49, 1421.91	9356.72, 2958.86	10686.80, 3562.25	1049.52, 524.76	9171.27, 2543.65
	MEDIAN	14250.8	3700.2	7504.5	3771.6	2212.9	3285.9
	MIN, MAX	5157.1, 32830.4	1620.8, 9118.4	1620.8, 32830.4	731.4, 35030.4	731.4, 3285.9	731.4, 35030.4
	5%, 95%	5157.1, 32830.4	1620.8, 9118.4	1620.8, 32830.4	731.4, 35030.4	731.4, 3285.9	731.4, 35030.4
	BLQ Values Included	0	0	0	3	1	4
$20,000 to $39,999	N	2	10	12	10	16	26
	MEAN, GEO MEAN	5103.0, 5097.9	4836.9, 4574.7	4881.3, 4658.1	2485.2, 2055.9	5149.1, 2855.0	4124.5, 2516.3
	SD, SE	321.03, 227.00	1771.83, 560.30	1608.93, 464.46	1522.56, 481.48	7066.11, 1766.53	5704.32, 1118.71
	MEDIAN	5103.0	4633.2	4905.3	2538.9	2180.5	2289.9
	MIN, MAX	4876.0, 5330.0	3047.5, 8643.9	3047.5, 8643.9	731.4, 5220.7	731.4, 23713.9	731.4, 23713.9
	5%, 95%	4876.0, 5330.0	3047.5, 8643.9	3047.5, 8643.9	731.4, 5220.7	731.4, 23713.9	731.4, 19819.5
	BLQ Values Included	1	0	1	2	1	3
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	16133.4, 15260.0	3564.6, 3389.0	8398.7, 6045.2	1980.2, 1541.9	6445.6, 2199.4	4659.4, 1908.1
	SD, SE	5054.50, 2260.44	1179.50, 417.02	7059.30, 1957.90	1723.40, 703.58	11977.60, 3992.55	9389.77, 2424.43
	MEDIAN	17746.7	3371.0	4724.6	1524.1	1260.4	1462.8
	MIN, MAX	7483.9, 20007.4	1969.7, 5256.3	1969.7, 20007.4	731.4, 5342.6	731.4, 37096.9	731.4, 37096.9
	5%, 95%	7483.9, 20007.4	1969.7, 5256.3	1969.7, 20007.4	731.4, 5342.6	731.4, 37096.9	731.4, 37096.9
	BLQ Values Included	0	0	0	3	3	6
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	4440.7, 4271.5	8005.1, 4847.9	7357.0, 4737.6	3574.2, 3162.1	1526.1, 1284.6	2379.5, 1869.7
	SD, SE	1716.86, 1214.00	11085.00, 3695.00	10033.70, 3025.28	2172.68, 971.65	1000.99, 378.34	1837.19, 530.35
	MEDIAN	4440.7	3613.4	3613.4	2902.9	1083.2	2041.4
	MIN, MAX	3226.7, 5654.7	1832.4, 36765.3	1832.4, 36765.3	1895.8, 7274.0	731.4, 3349.6	731.4, 7274.0
	5%, 95%	3226.7, 5654.7	1832.4, 36765.3	1832.4, 36765.3	1895.8, 7274.0	731.4, 3349.6	731.4, 7274.0
	BLQ Values Included	0	0	0	0	3	3

PM30035565192

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 7 of ?)

Lab: Madison
Biomarker: Acetonitrile (nmol/L)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	9760.3, 8958.5	10286.5, 7202.5	10023.4, 8032.6	3558.7, 3046.8	3257.5, 2552.9	3466.0, 2885.4
	SD, SE	4583.17, 2049.66	8969.87, 4011.45	6721.01, 2125.37	1754.19, 584.73	2103.50, 1051.75	1782.85, 494.47
	MEDIAN	9901.0	8500.8	9200.9	3305.4	3481.0	3305.4
	MIN, MAX	4914.8, 17016.8	1917.7, 24452.2	1917.7, 24452.2	731.4, 5708.3	731.4, 5336.5	731.4, 5708.3
	5%, 95%	4914.8, 17016.8	1917.7, 24452.2	1917.7, 24452.2	731.4, 5708.3	731.4, 5336.5	731.4, 5708.3
	BLQ Values Included	0	0	0	2	1	3
$20,000 to $39,999	N	2	9	11	10	16	26
	MEAN, GEO MEAN	22535.7, 15922.1	10377.2, 6395.0	12587.8, 7548.7	4482.4, 3235.2	6820.4, 4187.7	5921.1, 3792.0
	SD, SE	22554.10, 15948.20	12414.50, 4138.17	14083.80, 4246.44	3235.68, 1023.21	6013.43, 1503.36	5177.97, 1015.48
	MEDIAN	22535.7	6459.5	6587.5	3953.9	4844.8	4715.0
	MIN, MAX	6587.5, 38483.8	1186.3, 41487.0	1186.3, 41487.0	731.4, 9065.9	731.4, 18449.3	731.4, 18449.3
	5%, 95%	6587.5, 38483.8	1186.3, 41487.0	1186.3, 41487.0	731.4, 9065.9	731.4, 18449.3	731.4, 16188.6
	BLQ Values Included	0	0	0	1	2	3
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	11823.1, 10417.2	3171.8, 2706.9	6499.2, 4545.5	5062.6, 2634.0	2494.1, 1889.5	3521.5, 2158.0
	SD, SE	6228.80, 2785.60	1569.35, 554.85	5793.15, 1606.73	6294.26, 2569.62	2394.17, 798.06	4372.77, 1129.05
	MEDIAN	11513.5	3580.1	4370.8	2222.4	1912.4	1912.4
	MIN, MAX	4980.1, 19796.3	731.4, 5211.0	731.4, 19796.3	731.4, 16782.5	731.4, 8574.2	731.4, 16782.5
	5%, 95%	4980.1, 19796.3	731.4, 5211.0	731.4, 19796.3	731.4, 16782.5	731.4, 8574.2	731.4, 16782.5
	BLQ Values Included	0	1	1	2	1	3
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	10590.0, 7724.2	8049.7, 6309.2	8511.6, 6545.7	2554.1, 1884.7	2887.6, 1746.3	2748.6, 1802.7
	SD, SE	10245.30, 7244.55	5292.83, 1764.28	5827.85, 1757.16	1970.10, 881.06	3897.90, 1473.27	3119.02, 900.38
	MEDIAN	10590.0	7258.4	7258.4	2138.6	1848.0	1993.3
	MIN, MAX	3345.4, 17834.5	2001.6, 14926.9	2001.6, 17834.5	731.4, 5065.2	731.4, 11596.8	731.4, 11596.8
	5%, 95%	3345.4, 17834.5	2001.6, 14926.9	2001.6, 17834.5	731.4, 5065.2	731.4, 11596.8	731.4, 11596.8
	BLQ Values Included	0	0	0	2	2	4

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 8 of ?)

Lab: Madison
Biomarker: Acetonitrile (nmol/L)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	21728.2, 15146.6	7744.1, 5520.6	15513.0, 9671.7	6937.0, 5282.6	2571.6, 2462.6	5593.8, 4177.0
	SD, SE	21957.30, 9819.61	7881.32, 3940.66	17851.50, 5950.51	5260.33, 1753.44	885.19, 442.59	4800.10, 1331.31
	MEDIAN	12399.7	4423.4	10467.6	6280.5	2415.0	3657.0
	MIN, MAX	4813.6, 59523.5	2763.7, 19365.8	2763.7, 59523.5	1340.7, 17614.1	1718.1, 3738.4	1340.7, 17614.1
	5%, 95%	4813.6, 59523.5	2763.7, 19365.8	2763.7, 59523.5	1340.7, 17614.1	1718.1, 3738.4	1340.7, 17614.1
	BLQ Values Included	0	0	0	1	0	1
$20,000 to $39,999	N	2	8	10	9	16	25
	MEAN, GEO MEAN	32123.2, 22119.2	12023.4, 6812.6	16043.4, 8621.9	3556.5, 2571.2	4854.3, 2874.0	4387.1, 2761.1
	SD, SE	32943.70, 23294.70	18353.10, 6488.81	21316.50, 6740.88	2664.08, 888.03	7145.95, 1786.49	5889.43, 1177.89
	MEDIAN	32123.2	5486.5	6262.4	3077.5	2487.5	2652.5
	MIN, MAX	8828.5, 55417.9	2863.7, 56901.9	2863.7, 56901.9	731.4, 7960.1	731.4, 28498.0	731.4, 28498.0
	5%, 95%	8828.5, 55417.9	2863.7, 56901.9	2863.7, 56901.9	731.4, 7960.1	731.4, 28498.0	731.4, 15114.1
	BLQ Values Included	0	0	0	3	1	4
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	16209.0, 11260.5	8108.8, 5664.0	11224.3, 7377.4	5464.6, 4281.7	5741.6, 4473.0	5630.7, 4395.5
	SD, SE	18718.10, 8370.98	6761.06, 2390.40	12660.10, 3511.28	4047.89, 1652.54	4106.75, 1368.92	3938.15, 1016.83
	MEDIAN	8540.8	6650.8	7355.9	3919.4	4220.9	4220.9
	MIN, MAX	6451.7, 49631.8	1135.9, 22003.7	1135.9, 49631.8	1448.9, 11705.6	1082.0, 13860.5	1082.0, 13860.5
	5%, 95%	6451.7, 49631.8	1135.9, 22003.7	1135.9, 49631.8	1448.9, 11705.6	1082.0, 13860.5	1082.0, 13860.5
	BLQ Values Included	0	0	0	0	0	0
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	34694.1, 16297.4	9685.6, 6399.4	14232.6, 7585.0	4411.5, 2370.8	2612.2, 1745.4	3361.9, 1983.0
	SD, SE	43314.50, 30628.00	10194.80, 3398.26	19315.90, 5823.96	5502.00, 2460.57	2616.65, 989.00	3949.81, 1140.21
	MEDIAN	34694.1	5706.9	5706.9	2258.6	1548.4	1903.5
	MIN, MAX	4066.1, 65322.1	1864.8, 33872.4	1864.8, 65322.1	731.4, 13864.7	731.4, 7675.1	731.4, 13864.7
	5%, 95%	4066.1, 65322.1	1864.8, 33872.4	1864.8, 65322.1	731.4, 13864.7	731.4, 7675.1	731.4, 13864.7
	BLQ Values Included	0	0	0	2	3	5

TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 9 of ?)

Lab: Madison
Biomarker: Acetonitrile (nmol/L)
Timepoint: Week 6

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	4	4	8	9	4	13
	MEAN, GEO MEAN	11241.0, 10732.4	12608.8, 7585.2	11924.9, 9022.6	5580.7, 3569.7	5154.0, 3489.3	5449.4, 3544.8
	SD, SE	3999.72, 1999.86	14801.20, 7400.60	10063.80, 3558.09	6534.54, 2178.18	4515.40, 2257.70	5797.07, 1607.82
	MEDIAN	10551.1	6563.2	9616.7	3044.3	4214.9	3657.0
	MIN, MAX	7286.9, 16575.0	3021.2, 34287.5	3021.2, 34287.5	731.4, 21615.6	731.4, 11454.7	731.4, 21615.6
	5%, 95%	7286.9, 16575.0	3021.2, 34287.5	3021.2, 34287.5	731.4, 21615.6	731.4, 11454.7	731.4, 21615.6
	BLQ Values Included	0	0	0	2	1	3
$20,000 to $39,999	N	3	8	11	10	16	26
	MEAN, GEO MEAN	6581.2, 3902.8	8500.9, 5523.8	7977.3, 5024.5	5715.8, 3083.6	7384.4, 4614.9	6742.6, 3952.0
	SD, SE	6191.51, 3574.67	11113.70, 3929.30	9743.27, 2937.71	6467.61, 2045.24	5900.04, 1475.01	6052.31, 1186.96
	MEDIAN	5875.8	5171.7	5875.8	2370.9	6775.0	3637.4
	MIN, MAX	772.6, 13095.2	2422.2, 35608.5	772.6, 35608.5	731.4, 18147.3	731.4, 16357.0	731.4, 18147.3
	5%, 95%	772.6, 13095.2	2422.2, 35608.5	772.6, 35608.5	731.4, 18147.3	731.4, 16357.0	731.4, 16357.0
	BLQ Values Included	0	0	0	2	2	4
$40,000 to $49,999	N	4	8	12	6	9	15
	MEAN, GEO MEAN	14863.3, 14807.4	4879.5, 4003.7	8207.4, 6191.5	4929.4, 3328.2	5650.4, 2740.7	5362.0, 2962.1
	SD, SE	1514.53, 757.27	3069.92, 1085.38	5548.61, 1601.75	4433.22, 1809.85	7480.32, 2493.44	6255.17, 1615.08
	MEDIAN	14550.0	3758.2	7857.7	2963.4	2065.5	2518.2
	MIN, MAX	13381.7, 16971.6	1197.5, 9333.6	1197.5, 16971.6	731.4, 11659.2	731.4, 23096.9	731.4, 23096.9
	5%, 95%	13381.7, 16971.6	1197.5, 9333.6	1197.5, 16971.6	731.4, 11659.2	731.4, 23096.9	731.4, 23096.9
	BLQ Values Included	0	0	0	1	3	4
$50,000 or more	N	2	8	10	5	7	12
	MEAN, GEO MEAN	17857.4, 15962.6	16729.6, 9523.9	16955.1, 10560.2	2388.0, 2053.8	4360.6, 2883.6	3538.7, 2503.4
	SD, SE	11320.70, 8004.95	16112.00, 5696.44	14709.60, 4651.59	1277.16, 571.17	4915.39, 1857.84	3847.56, 1110.69
	MEDIAN	17857.4	9216.9	11979.8	2581.4	2443.4	2512.4
	MIN, MAX	9852.4, 25862.3	2375.6, 40601.5	2375.6, 40601.5	731.4, 4081.5	731.4, 15100.0	731.4, 15100.0
	5%, 95%	9852.4, 25862.3	2375.6, 40601.5	2375.6, 40601.5	731.4, 4081.5	731.4, 15100.0	731.4, 15100.0
	BLQ Values Included	0	0	0	1	1	2

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 10 of ?)

Lab: Madison
Biomarker: Acetonitrile (nmol/L)
Timepoint: Overall"

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	15672.8, 13681.9	8420.3, 6843.7	12046.5, 9676.5	5990.8, 5271.7	3273.5, 2754.5	5154.7, 4317.3
	SD, SE	10501.20, 4696.28	6000.35, 2683.44	8923.21, 2821.77	2940.53, 980.18	1889.65, 944.82	2891.56, 801.98
	MEDIAN	10985.0	5592.4	10253.2	7185.2	3307.8	4266.5
	MIN, MAX	9278.6, 34085.0	3419.9, 17005.3	3419.9, 34085.0	2118.7, 11028.7	978.1, 5500.3	978.1, 11028.7
	5%, 95%	9278.6, 34085.0	3419.9, 17005.3	3419.9, 34085.0	2118.7, 11028.7	978.1, 5500.3	978.1, 11028.7
$20,000 to $39,999	N	3	10	13	10	16	26
	MEAN, GEO MEAN	13074.6, 10735.2	8403.1, 6745.3	9481.1, 7508.9	4085.4, 3696.6	6052.0, 4897.4	5295.6, 4395.2
	SD, SE	10311.70, 5953.45	5615.75, 1775.86	6750.63, 1872.29	2152.53, 680.69	4360.54, 1090.14	3745.49, 734.55
	MEDIAN	8460.3	6944.9	7531.9	3482.7	4673.6	4199.6
	MIN, MAX	5875.8, 24887.6	2116.9, 18909.3	2116.9, 24887.6	2046.5, 9336.2	1394.5, 17112.8	1394.5, 17112.8
	5%, 95%	5875.8, 24887.6	2116.9, 18909.3	2116.9, 24887.6	2046.5, 9336.2	1394.5, 17112.8	2046.5, 14624.7
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	14601.6, 13827.4	4931.2, 4559.5	8650.6, 6986.1	4359.2, 4052.8	5082.9, 3917.8	4793.4, 3971.2
	SD, SE	6119.74, 2736.83	2015.43, 712.56	6231.51, 1728.31	1905.42, 777.89	3984.74, 1328.25	3241.07, 836.84
	MEDIAN	11829.0	4683.4	6336.7	3530.3	3810.7	3585.5
	MIN, MAX	11308.2, 25517.1	2082.3, 8541.3	2082.3, 25517.1	2451.5, 7534.6	1084.1, 13341.3	1084.1, 13341.3
	5%, 95%	11308.2, 25517.1	2082.3, 8541.3	2082.3, 25517.1	2451.5, 7534.6	1084.1, 13341.3	1084.1, 13341.3
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	16895.6, 12118.6	10416.5, 7638.2	11594.5, 8306.9	3232.0, 2750.2	2846.6, 2306.1	3007.2, 2481.7
	SD, SE	16649.30, 11772.90	7742.62, 2580.87	9085.58, 2739.40	1999.07, 894.01	1923.06, 726.85	1873.43, 540.81
	MEDIAN	16895.6	9492.4	9492.4	2844.6	2220.8	2717.1
	MIN, MAX	5122.7, 28668.4	2018.6, 24259.5	2018.6, 28668.4	1022.5, 6478.6	731.4, 6240.2	731.4, 6478.6
	5%, 95%	5122.7, 28668.4	2018.6, 24259.5	2018.6, 28668.4	1022.5, 6478.6	731.4, 6240.2	731.4, 6478.6

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminating all BLQ values for the overall statistics.

PM300355196

TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 11 of 7)

Lab: CCLS
Biomarker: Carboxyhemoglobin (% saturation)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6.9, 5.3	3.3, 2.6	5.1, 3.7	0.4, 0.4	0.4, 0.3	0.4, 0.4
	SD, SE	5.17, 2.31	2.55, 1.14	4.29, 1.36	0.15, 0.05	0.10, 0.05	0.14, 0.04
	MEDIAN	7.4	1.9	4.5	0.3	0.3	0.3
	MIN, MAX	1.6, 14.8	1.1, 6.2	1.1, 14.8	0.3, 0.7	0.3, 0.5	0.3, 0.7
	5%, 95%	1.6, 14.8	1.1, 6.2	1.1, 14.8	0.3, 0.7	0.3, 0.5	0.3, 0.7
	BLQ Values Included	0	0	0	6	2	8
$20,000 to $39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2.7, 1.8	5.5, 4.5	4.6, 3.3	0.6, 0.5	0.3, 0.3	0.4, 0.4
	SD, SE	2.39, 1.07	2.92, 0.92	3.01, 0.78	0.23, 0.07	0.03, 0.01	0.19, 0.04
	MEDIAN	2.0	6.5	4.3	0.5	0.3	0.3
	MIN, MAX	0.3, 6.7	0.8, 8.9	0.3, 8.9	0.3, 1.0	0.3, 0.4	0.3, 1.0
	5%, 95%	0.3, 6.7	0.8, 8.9	0.3, 8.9	0.3, 1.0	0.3, 0.4	0.3, 0.8
	BLQ Values Included	1	0	1	1	13	14
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	3.7, 3.2	4.0, 3.2	3.9, 3.2	0.5, 0.5	0.3, 0.3	0.4, 0.4
	SD, SE	1.58, 0.71	2.29, 0.81	1.98, 0.55	0.21, 0.09	0.13, 0.04	0.18, 0.05
	MEDIAN	4.0	4.6	4.6	0.5	0.3	0.3
	MIN, MAX	0.9, 4.8	0.9, 7.8	0.9, 7.8	0.3, 0.8	0.3, 0.7	0.3, 0.8
	5%, 95%	0.9, 4.8	0.9, 7.8	0.9, 7.8	0.3, 0.8	0.3, 0.7	0.3, 0.8
	BLQ Values Included	0	0	0	2	8	10
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	4.1, 4.0	4.3, 3.0	4.2, 3.3	0.4, 0.4	0.3, 0.3	0.4, 0.3
	SD, SE	0.61, 0.35	4.07, 1.36	3.49, 1.01	0.17, 0.08	0.04, 0.01	0.12, 0.03
	MEDIAN	4.2	2.9	3.0	0.3	0.3	0.3
	MIN, MAX	3.4, 4.6	0.9, 11.4	0.9, 11.4	0.3, 0.7	0.3, 0.4	0.3, 0.7
	5%, 95%	3.4, 4.6	0.9, 11.4	0.9, 11.4	0.3, 0.7	0.3, 0.4	0.3, 0.7
	BLQ Values Included	0	0	0	3	5	8

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 12 of ?)

Lab: CCLS
Biomarker: Carboxyhemoglobin (% saturation)
Timepoint: Week 2

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	4.9, 3.7	3.4, 2.0	4.2, 2.7	0.5, 0.4	0.3, 0.3	0.4, 0.4
	SD, SE	3.51, 1.57	3.14, 1.41	3.23, 1.02	0.27, 0.09	0.00, 0.00	0.24, 0.07
	MEDIAN	4.5	2.7	3.6	0.3	0.3	0.3
	MIN, MAX	1.0, 8.6	0.4, 7.4	0.4, 8.6	0.3, 1.1	0.3, 0.3	0.3, 1.1
	5%, 95%	1.0, 8.6	0.4, 7.4	0.4, 8.6	0.3, 1.1	0.3, 0.3	0.3, 1.1
	BLQ Values Included	0	0	0	4	4	8
$20,000 to $39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	2.8, 1.8	4.8, 3.5	4.1, 2.7	0.5, 0.5	0.3, 0.3	0.4, 0.4
	SD, SE	3.03, 1.36	3.07, 1.02	3.09, 0.83	0.24, 0.08	0.06, 0.01	0.18, 0.04
	MEDIAN	2.0	4.7	3.5	0.5	0.3	0.3
	MIN, MAX	0.3, 8.1	0.3, 10.1	0.3, 10.1	0.3, 0.9	0.3, 0.5	0.3, 0.9
	5%, 95%	0.3, 8.1	0.3, 10.1	0.3, 10.1	0.3, 0.9	0.3, 0.5	0.3, 0.8
	BLQ Values Included	1	1	2	4	13	17
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.1, 3.1	3.8, 2.8	3.9, 2.9	0.3, 0.3	0.3, 0.3	0.3, 0.3
	SD, SE	2.27, 1.02	2.20, 0.78	2.14, 0.59	0.00, 0.00	0.00, 0.00	0.00, 0.00
	MEDIAN	4.8	4.5	4.8	0.3	0.3	0.3
	MIN, MAX	0.5, 6.6	0.3, 6.1	0.3, 6.6	0.3, 0.3	0.3, 0.3	0.3, 0.3
	5%, 95%	0.5, 6.6	0.3, 6.1	0.3, 6.6	0.3, 0.3	0.3, 0.3	0.3, 0.3
	BLQ Values Included	0	1	1	4	8	12
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	2.6, 2.5	4.3, 2.7	3.9, 2.7	0.3, 0.3	0.3, 0.3	0.3, 0.3
	SD, SE	0.75, 0.44	4.39, 1.46	3.83, 1.11	0.00, 0.00	0.08, 0.03	0.06, 0.02
	MEDIAN	2.7	2.3	2.5	0.3	0.3	0.3
	MIN, MAX	1.8, 3.3	0.6, 13.3	0.6, 13.3	0.3, 0.3	0.3, 0.5	0.3, 0.5
	5%, 95%	1.8, 3.3	0.6, 13.3	0.6, 13.3	0.3, 0.3	0.3, 0.5	0.3, 0.5
	BLQ Values Included	0	0	0	5	5	10

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
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Lab: CCLS
Biomarker: Carboxyhemoglobin (% saturation)
Timepoint: Week 3

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	4	9	9	4	13
	MEAN, GEO MEAN	7.2, 5.3	3.6, 2.8	5.6, 4.0	0.4, 0.4	0.6, 0.5	0.5, 0.4
	SD, SE	4.91, 2.19	2.12, 1.06	4.16, 1.39	0.12, 0.04	0.65, 0.33	0.36, 0.10
	MEDIAN	10.4	3.9	4.1	0.3	0.3	0.3
	MIN, MAX	1.8, 11.3	0.7, 5.8	0.7, 11.3	0.3, 0.6	0.3, 1.6	0.3, 1.6
	5%, 95%	1.8, 11.3	0.7, 5.8	0.7, 11.3	0.3, 0.6	0.3, 1.6	0.3, 1.6
	BLQ Values Included	0	0	0	6	2	8
$20,000 to $39,999	N	5	8	13	10	16	26
	MEAN, GEO MEAN	2.8, 1.6	6.9, 6.4	5.3, 3.8	0.7, 0.5	0.5, 0.4	0.5, 0.4
	SD, SE	3.11, 1.39	2.48, 0.88	3.33, 0.92	0.77, 0.24	0.55, 0.14	0.63, 0.12
	MEDIAN	2.0	7.8	4.7	0.4	0.3	0.3
	MIN, MAX	0.3, 8.1	3.1, 9.3	0.3, 9.3	0.3, 2.8	0.3, 2.5	0.3, 2.8
	5%, 95%	0.3, 8.1	3.1, 9.3	0.3, 9.3	0.3, 2.8	0.3, 2.5	0.3, 2.5
	BLQ Values Included	1	0	1	2	10	12
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.6, 4.4	3.9, 2.9	4.1, 3.4	0.5, 0.4	0.6, 0.4	0.5, 0.4
	SD, SE	1.69, 0.75	2.25, 0.79	2.01, 0.56	0.29, 0.12	0.63, 0.21	0.51, 0.13
	MEDIAN	4.2	3.9	4.0	0.3	0.3	0.3
	MIN, MAX	2.6, 7.0	0.3, 7.0	0.3, 7.0	0.3, 1.0	0.3, 2.2	0.3, 2.2
	5%, 95%	2.6, 7.0	0.3, 7.0	0.3, 7.0	0.3, 1.0	0.3, 2.2	0.3, 2.2
	BLQ Values Included	0	0	0	4	6	10
$50,000 or more	N	2	9	11	5	7	12
	MEAN, GEO MEAN	3.7, 3.6	4.2, 3.5	4.1, 3.5	0.3, 0.3	0.4, 0.4	0.4, 0.4
	SD, SE	0.35, 0.25	3.05, 1.02	2.74, 0.83	0.09, 0.04	0.22, 0.08	0.18, 0.05
	MEDIAN	3.7	3.2	3.2	0.3	0.3	0.3
	MIN, MAX	3.4, 3.9	1.3, 9.7	1.3, 9.7	0.3, 0.5	0.3, 0.9	0.3, 0.9
	5%, 95%	3.4, 3.9	1.3, 9.7	1.3, 9.7	0.3, 0.5	0.3, 0.9	0.3, 0.9
	BLQ Values Included	0	0	0	4	4	8

PM3003565199

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 14 of ?)

Lab: CCLS
Biomarker: Carboxyhemoglobin (% saturation)
Timepoint: Week 6

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	4	4	8	9	4	13
	MEAN, GEO MEAN	6.5, 5.3	3.7, 2.9	5.1, 3.9	0.4, 0.4	0.4, 0.4	0.4, 0.4
	SD, SE	5.10, 2.55	2.29, 1.15	3.95, 1.40	0.22, 0.07	0.14, 0.07	0.20, 0.05
	MEDIAN	4.9	4.1	4.5	0.3	0.4	0.3
	MIN, MAX	2.5, 13.9	0.8, 6.0	0.8, 13.9	0.3, 0.9	0.3, 0.6	0.3, 0.9
	5%, 95%	2.5, 13.9	0.8, 6.0	0.8, 13.9	0.3, 0.9	0.3, 0.6	0.3, 0.9
	BLQ Values Included	0	0	0	5	0	5
$20,000 to $39,999	N	4	8	12	10	16	26
	MEAN, GEO MEAN	2.9, 1.6	5.9, 5.4	4.9, 3.6	0.4, 0.4	0.4, 0.3	0.4, 0.4
	SD, SE	3.63, 1.82	2.32, 0.82	3.01, 0.87	0.11, 0.03	0.14, 0.03	0.13, 0.02
	MEDIAN	1.6	5.8	4.8	0.4	0.3	0.3
	MIN, MAX	0.3, 8.3	2.6, 9.2	0.3, 9.2	0.3, 0.6	0.3, 0.7	0.3, 0.7
	5%, 95%	0.3, 8.3	2.6, 9.2	0.3, 9.2	0.3, 0.6	0.3, 0.7	0.3, 0.7
	BLQ Values Included	1	0	1	4	10	14
$40,000 to $49,999	N	4	8	12	6	9	15
	MEAN, GEO MEAN	5.3, 5.2	4.0, 2.5	4.4, 3.2	0.6, 0.5	0.4, 0.4	0.5, 0.4
	SD, SE	1.46, 0.73	2.73, 0.97	2.40, 0.69	0.30, 0.12	0.33, 0.11	0.32, 0.08
	MEDIAN	5.0	4.2	4.5	0.6	0.3	0.3
	MIN, MAX	4.0, 7.3	0.3, 8.0	0.3, 8.0	0.3, 1.1	0.3, 1.3	0.3, 1.3
	5%, 95%	4.0, 7.3	0.3, 8.0	0.3, 8.0	0.3, 1.1	0.3, 1.3	0.3, 1.3
	BLQ Values Included	0	1	1	2	6	8
$50,000 or more	N	1	8	9	5	7	12
	MEAN, GEO MEAN	4.1, 4.1	4.5, 3.5	4.4, 3.5	0.4, 0.4	0.4, 0.3	0.4, 0.3
	SD, SE	NA, NA	3.27, 1.15	3.06, 1.02	0.09, 0.04	0.19, 0.07	0.15, 0.04
	MEDIAN	4.1	3.3	3.9	0.3	0.3	0.3
	MIN, MAX	4.1, 4.1	1.0, 9.8	1.0, 9.8	0.3, 0.5	0.3, 0.8	0.3, 0.8
	5%, 95%	NA, NA	1.0, 9.8	1.0, 9.8	0.3, 0.5	0.3, 0.8	0.3, 0.8
	BLQ Values Included	0	0	0	1	6	7

PM3003565200

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 15 of ?)

Lab: CCLS
Biomarker: Carboxyhemoglobin (% saturation)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	6.2, 4.8	3.2, 2.3	4.7, 3.3	0.4, 0.4	0.4, 0.4	0.4, 0.4
	SD, SE	4.33, 1.94	2.49, 1.11	3.68, 1.16	0.16, 0.05	0.13, 0.06	0.14, 0.04
	MEDIAN	6.7	2.8	4.3	0.4	0.4	0.4
	MIN, MAX	1.7, 12.2	0.8, 5.9	0.8, 12.2	0.3, 0.8	0.3, 0.6	0.3, 0.8
	5%, 95%	1.7, 12.2	0.8, 5.9	0.8, 12.2	0.3, 0.8	0.3, 0.6	0.3, 0.8
$20,000 to $39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2.8, 1.7	5.6, 4.6	4.7, 3.3	0.6, 0.5	0.4, 0.3	0.4, 0.4
	SD, SE	2.90, 1.30	2.82, 0.89	3.08, 0.80	0.29, 0.09	0.16, 0.04	0.23, 0.05
	MEDIAN	2.0	6.3	4.1	0.5	0.3	0.4
	MIN, MAX	0.3, 7.8	0.6, 8.9	0.3, 8.9	0.3, 1.3	0.3, 0.9	0.3, 1.3
	5%, 95%	0.3, 7.8	0.6, 8.9	0.3, 8.9	0.3, 1.3	0.3, 0.9	0.3, 0.9
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.3, 3.8	3.9, 3.1	4.1, 3.3	0.5, 0.5	0.4, 0.4	0.4, 0.4
	SD, SE	1.81, 0.81	2.22, 0.78	2.00, 0.55	0.14, 0.06	0.26, 0.09	0.22, 0.06
	MEDIAN	4.4	4.2	4.3	0.5	0.3	0.4
	MIN, MAX	1.3, 6.1	0.7, 7.0	0.7, 7.0	0.3, 0.7	0.3, 1.1	0.3, 1.1
	5%, 95%	1.3, 6.1	0.7, 7.0	0.7, 7.0	0.3, 0.7	0.3, 1.1	0.3, 1.1
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.5, 3.5	4.3, 3.2	4.1, 3.3	0.4, 0.4	0.4, 0.4	0.4, 0.4
	SD, SE	0.31, 0.18	3.61, 1.20	3.10, 0.89	0.04, 0.02	0.10, 0.04	0.08, 0.02
	MEDIAN	3.4	2.8	3.2	0.4	0.3	0.4
	MIN, MAX	3.2, 3.8	1.3, 11.0	1.3, 11.0	0.3, 0.4	0.3, 0.5	0.3, 0.5
	5%, 95%	3.2, 3.8	1.3, 11.0	1.3, 11.0	0.3, 0.4	0.3, 0.5	0.3, 0.5

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminatig all BLQ values for the overall statistics.

PM30035565201

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 16 of ?)

Lab: Harrogate
Biomarker: Hb adduct of 3-aminobiphenyl (pg/g hemoglobin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	8.54, 6.97	2.66, 2.24	5.60, 3.95	0.51, 0.51	0.56, 0.55	0.53, 0.52
	SD, SE	5.623, 2.515	1.831, 0.819	5.013, 1.585	0.040, 0.013	0.110, 0.055	0.067, 0.019
	MEDIAN	5.88	2.00	4.01	0.50	0.50	0.50
	MIN, MAX	2.58, 15.03	1.01, 5.71	1.01, 15.03	0.50, 0.62	0.50, 0.72	0.50, 0.72
	5%, 95%	2.58, 15.03	1.01, 5.71	1.01, 15.03	0.50, 0.62	0.50, 0.72	0.50, 0.72
	BLQ Values Included	0	0	0	7	3	10
$20,000 to $39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	2.36, 1.63	4.77, 3.77	3.91, 2.80	0.50, 0.50	0.51, 0.51	0.51, 0.51
	SD, SE	2.246, 1.004	2.974, 0.991	2.904, 0.776	0.000, 0.000	0.034, 0.009	0.027, 0.005
	MEDIAN	1.63	5.28	3.35	0.50	0.50	0.50
	MIN, MAX	0.50, 6.08	1.09, 9.39	0.50, 9.39	0.50, 0.50	0.50, 0.61	0.50, 0.61
	5%, 95%	0.50, 6.08	1.09, 9.39	0.50, 9.39	0.50, 0.50	0.50, 0.61	0.50, 0.59
	BLQ Values Included	1	0	1	10	14	24
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.48, 3.26	2.42, 1.95	3.21, 2.38	0.51, 0.50	0.55, 0.54	0.53, 0.53
	SD, SE	3.775, 1.688	1.504, 0.532	2.675, 0.742	0.012, 0.005	0.127, 0.042	0.099, 0.026
	MEDIAN	2.74	2.12	2.54	0.50	0.50	0.50
	MIN, MAX	0.87, 10.43	0.50, 4.64	0.50, 10.43	0.50, 0.53	0.50, 0.88	0.50, 0.88
	5%, 95%	0.87, 10.43	0.50, 4.64	0.50, 10.43	0.50, 0.53	0.50, 0.88	0.50, 0.88
	BLQ Values Included	0	1	1	5	7	12
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.12, 2.79	2.70, 1.98	2.81, 2.16	0.50, 0.50	1.20, 0.81	0.91, 0.66
	SD, SE	1.692, 0.977	2.976, 0.992	2.645, 0.764	0.000, 0.000	1.507, 0.570	1.169, 0.338
	MEDIAN	3.02	1.74	1.77	0.50	0.55	0.50
	MIN, MAX	1.48, 4.86	0.95, 10.41	0.95, 10.41	0.50, 0.50	0.50, 4.59	0.50, 4.59
	5%, 95%	1.48, 4.86	0.95, 10.41	0.95, 10.41	0.50, 0.50	0.50, 4.59	0.50, 4.59
	BLQ Values Included	0	0	0	5	3	8

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 17 of 7)

Lab: Harrogate
Biomarker: Hb adduct of 3-aminobiphenyl (pg/g hemoglobin)
Timepoint: Week 6

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	4	4	8	9	4	13
	MEAN, GEO MEAN	7.91, 6.59	19.64, 8.15	13.78, 7.33	0.59, 0.56	0.87, 0.78	0.68, 0.62
	SD, SE	4.818, 2.409	29.329, 14.664	20.443, 7.228	0.283, 0.094	0.459, 0.230	0.351, 0.097
	MEDIAN	8.22	6.47	7.52	0.50	0.76	0.50
	MIN, MAX	2.55, 12.65	2.28, 63.34	2.28, 63.34	0.50, 1.35	0.50, 1.45	0.50, 1.45
	5%, 95%	2.55, 12.65	2.28, 63.34	2.28, 63.34	0.50, 1.35	0.50, 1.45	0.50, 1.45
	BLQ Values Included	0	0	0	8	2	10
$20,000 to $39,999	N	4	8	12	10	16	26
	MEAN, GEO MEAN	2.60, 1.85	4.77, 4.06	4.05, 3.13	0.70, 0.59	0.62, 0.57	0.65, 0.57
	SD, SE	2.328, 1.164	2.609, 0.922	2.637, 0.761	0.620, 0.196	0.350, 0.087	0.462, 0.091
	MEDIAN	1.99	3.98	3.65	0.50	0.50	0.50
	MIN, MAX	0.50, 5.93	1.07, 9.29	0.50, 9.29	0.50, 2.46	0.50, 1.84	0.50, 2.46
	5%, 95%	0.50, 5.93	1.07, 9.29	0.50, 9.29	0.50, 2.46	0.50, 1.84	0.50, 1.84
	BLQ Values Included	1	0	1	9	14	23
$40,000 to $49,999	N	4	8	12	6	9	15
	MEAN, GEO MEAN	4.74, 3.60	2.32, 1.79	3.12, 2.26	0.50, 0.50	0.50, 0.50	0.50, 0.50
	SD, SE	3.645, 1.822	1.781, 0.630	2.657, 0.767	0.000, 0.000	0.000, 0.000	0.000, 0.000
	MEDIAN	4.12	1.72	2.04	0.50	0.50	0.50
	MIN, MAX	1.09, 9.61	0.50, 5.42	0.50, 9.61	0.50, 0.50	0.50, 0.50	0.50, 0.50
	5%, 95%	1.09, 9.61	0.50, 5.42	0.50, 9.61	0.50, 0.50	0.50, 0.50	0.50, 0.50
	BLQ Values Included	0	1	1	6	9	15
$50,000 or more	N	2	8	10	5	7	12
	MEAN, GEO MEAN	2.42, 2.29	3.02, 1.68	2.90, 1.79	0.50, 0.50	0.50, 0.50	0.50, 0.50
	SD, SE	1.082, 0.765	4.397, 1.555	3.903, 1.234	0.000, 0.000	0.000, 0.000	0.000, 0.000
	MEDIAN	2.42	1.14	1.39	0.50	0.50	0.50
	MIN, MAX	1.65, 3.18	0.50, 13.54	0.50, 13.54	0.50, 0.50	0.50, 0.50	0.50, 0.50
	5%, 95%	1.65, 3.18	0.50, 13.54	0.50, 13.54	0.50, 0.50	0.50, 0.50	0.50, 0.50
	BLQ Values Included	0	1	1	5	7	12

TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 18 of ?)

Lab: Harrogate
Biomarker: Hb adduct of 3-aminobiphenyl (pg/g hemoglobin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	8.02, 6.72	9.36, 4.87	8.69, 5.72	0.56, 0.54	0.71, 0.67	0.60, 0.58
	SD, SE	4.924, 2.202	12.986, 5.807	9.285, 2.936	0.163, 0.054	0.280, 0.140	0.207, 0.057
	MEDIAN	5.88	2.99	5.53	0.50	0.63	0.50
	MIN, MAX	2.57, 13.35	1.71, 32.18	1.71, 32.18	0.50, 0.99	0.50, 1.09	0.50, 1.09
	5%, 95%	2.57, 13.35	1.71, 32.18	1.71, 32.18	0.50, 0.99	0.50, 1.09	0.50, 1.09
$20,000 to $39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	2.31, 1.62	4.55, 3.72	3.80, 2.82	0.60, 0.56	0.56, 0.55	0.58, 0.55
	SD, SE	2.198, 0.983	2.682, 0.848	2.684, 0.693	0.310, 0.098	0.173, 0.043	0.230, 0.045
	MEDIAN	1.78	4.51	3.44	0.50	0.50	0.50
	MIN, MAX	0.50, 6.01	1.09, 9.34	0.50, 9.34	0.50, 1.48	0.50, 1.17	0.50, 1.48
	5%, 95%	0.50, 6.01	1.09, 9.34	0.50, 9.34	0.50, 1.48	0.50, 1.17	0.50, 1.17
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	4.41, 3.34	2.37, 1.92	3.15, 2.37	0.50, 0.50	0.53, 0.52	0.52, 0.52
	SD, SE	3.523, 1.576	1.487, 0.526	2.548, 0.707	0.008, 0.003	0.063, 0.021	0.050, 0.013
	MEDIAN	2.83	2.08	2.74	0.50	0.50	0.50
	MIN, MAX	0.98, 10.02	0.50, 4.47	0.50, 10.02	0.50, 0.52	0.50, 0.69	0.50, 0.69
	5%, 95%	0.98, 10.02	0.50, 4.47	0.50, 10.02	0.50, 0.52	0.50, 0.69	0.50, 0.69
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	3.18, 2.87	2.80, 1.88	2.89, 2.09	0.50, 0.50	0.85, 0.70	0.71, 0.61
	SD, SE	1.646, 0.951	3.545, 1.182	3.108, 0.897	0.000, 0.000	0.755, 0.285	0.586, 0.169
	MEDIAN	3.10	1.51	1.69	0.50	0.53	0.50
	MIN, MAX	1.57, 4.86	0.81, 11.98	0.81, 11.98	0.50, 0.50	0.50, 2.55	0.50, 2.55
	5%, 95%	1.57, 4.86	0.81, 11.98	0.81, 11.98	0.50, 0.50	0.50, 2.55	0.50, 2.55

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminatig all BLQ values for the overall statistics.

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TABLE 14.4-7
DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME
(Page 19 of ?)

Lab: Harrogate
Biomarker: Hb adduct of 4-aminobiphenyl (pg/g hemoglobin)
Timepoint: Week 1

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	69.01, 62.32	24.30, 21.77	46.66, 36.83	7.65, 7.02	9.10, 8.85	8.10, 7.53
	SD, SE	30.771, 13.761	10.827, 4.842	32.063, 10.139	3.298, 1.099	2.437, 1.219	3.036, 0.842
	MEDIAN	79.91	25.56	34.06	6.95	9.13	7.59
	MIN, MAX	28.29, 100.50	8.56, 35.50	8.56, 100.50	3.22, 13.87	6.51, 11.63	3.22, 13.87
	5%, 95%	28.29, 100.50	8.56, 35.50	8.56, 100.50	3.22, 13.87	6.51, 11.63	3.22, 13.87
	BLQ Values Included	0	0	0	0	0	0
$20,000 to $39,999	N	5	9	14	10	16	26
	MEAN, GEO MEAN	24.46, 22.26	32.95, 30.19	29.92, 27.08	4.24, 4.06	7.71, 7.04	6.38, 5.69
	SD, SE	11.651, 5.210	12.726, 4.242	12.621, 3.373	1.428, 0.452	3.613, 0.903	3.395, 0.666
	MEDIAN	21.23	32.94	32.14	3.69	6.67	5.69
	MIN, MAX	12.37, 40.14	11.43, 50.52	11.43, 50.52	2.90, 7.34	2.95, 17.37	2.90, 17.37
	5%, 95%	12.37, 40.14	11.43, 50.52	11.43, 50.52	2.90, 7.34	2.95, 17.37	2.95, 12.31
	BLQ Values Included	0	0	0	0	0	0
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	52.15, 47.98	24.54, 21.07	35.16, 28.92	6.16, 5.79	7.06, 6.79	6.70, 6.37
	SD, SE	23.445, 10.485	12.670, 4.479	21.734, 6.028	2.322, 0.948	2.134, 0.711	2.176, 0.562
	MEDIAN	54.05	24.87	26.07	6.02	6.76	6.76
	MIN, MAX	26.07, 87.23	5.37, 47.86	5.37, 87.23	4.01, 8.56	4.22, 10.99	4.01, 10.99
	5%, 95%	26.07, 87.23	5.37, 47.86	5.37, 87.23	4.01, 8.56	4.22, 10.99	4.01, 10.99
	BLQ Values Included	0	0	0	0	0	0
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	29.64, 25.93	28.20, 22.74	28.56, 23.50	8.02, 7.28	9.75, 7.98	9.03, 7.68
	SD, SE	17.241, 9.954	19.308, 6.436	18.044, 5.209	3.841, 1.718	6.809, 2.573	5.607, 1.619
	MEDIAN	28.94	21.49	21.64	7.53	8.41	7.97
	MIN, MAX	12.76, 47.22	5.35, 67.83	5.35, 67.83	3.80, 13.59	2.49, 23.25	2.49, 23.25
	5%, 95%	12.76, 47.22	5.35, 67.83	5.35, 67.83	3.80, 13.59	2.49, 23.25	2.49, 23.25
	BLQ Values Included	0	0	0	0	0	0

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TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 20 of ?)

Lab: Harrogate
Biomarker: Hb adduct of 4-aminobiphenyl (pg/g hemoglobin)
Timepoint: Week 6

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	4	4	8	9	4	13
	MEAN, GEO MEAN	63.24, 57.15	235.85, 91.36	149.54, 72.25	11.39, 9.72	9.63, 9.14	10.85, 9.54
	SD, SE	29.793, 14.896	382.057, 191.028	267.303, 94.506	7.668, 2.556	3.755, 1.877	6.591, 1.828
	MEDIAN	63.98	48.02	55.57	8.98	8.65	8.96
	MIN, MAX	27.23, 97.75	38.56, 808.80	27.23, 808.80	4.53, 27.86	6.23, 14.98	4.53, 27.86
	5%, 95%	27.23, 97.75	38.56, 808.80	27.23, 808.80	4.53, 27.86	6.23, 14.98	4.53, 27.86
	BLQ Values Included	0	0	0	0	0	0
$20,000 to $39,999	N	4	8	12	10	16	26
	MEAN, GEO MEAN	31.46, 23.47	40.59, 39.67	37.55, 33.30	6.21, 5.99	8.36, 7.82	7.53, 7.06
	SD, SE	29.343, 14.672	9.499, 3.358	17.676, 5.103	1.717, 0.543	3.350, 0.838	2.989, 0.586
	MEDIAN	20.85	37.70	34.69	6.04	7.45	6.88
	MIN, MAX	9.56, 74.58	30.70, 56.26	9.56, 74.58	4.11, 8.75	4.36, 15.91	4.11, 15.91
	5%, 95%	9.56, 74.58	30.70, 56.26	9.56, 74.58	4.11, 8.75	4.36, 15.91	4.31, 15.32
	BLQ Values Included	0	0	0	0	0	0
$40,000 to $49,999	N	4	8	12	6	9	15
	MEAN, GEO MEAN	49.64, 48.55	33.38, 29.14	38.80, 34.54	9.44, 8.51	8.11, 7.53	8.64, 7.91
	SD, SE	12.464, 6.232	14.813, 5.237	15.688, 4.529	4.573, 1.867	3.292, 1.097	3.758, 0.970
	MEDIAN	46.88	33.39	41.52	9.30	7.27	7.71
	MIN, MAX	37.74, 67.08	7.32, 48.24	7.32, 67.08	4.49, 16.50	4.09, 14.08	4.09, 16.50
	5%, 95%	37.74, 67.08	7.32, 48.24	7.32, 67.08	4.49, 16.50	4.09, 14.08	4.09, 16.50
	BLQ Values Included	0	0	0	0	0	0
$50,000 or more	N	2	8	10	5	7	12
	MEAN, GEO MEAN	24.25, 23.75	39.67, 30.81	36.58, 29.25	9.29, 8.38	10.01, 9.01	9.71, 8.74
	SD, SE	6.880, 4.865	28.511, 10.080	26.073, 8.245	4.431, 1.982	5.833, 2.205	5.083, 1.467
	MEDIAN	24.25	31.46	28.68	9.89	8.43	9.02
	MIN, MAX	19.38, 29.11	7.27, 90.32	7.27, 90.32	4.36, 15.03	6.00, 22.67	4.36, 22.67
	5%, 95%	19.38, 29.11	7.27, 90.32	7.27, 90.32	4.36, 15.03	6.00, 22.67	4.36, 22.67
	BLQ Values Included	0	0	0	0	0	0

TABLE 14.4-7

DESCRIPTIVE STATISTICS OF BLOOD AND/OR PLASMA BIOMARKERS OF EXPOSURE BY TIMEPOINT FOR DEMOGRAPHIC CHARACTERISTIC: ANNUAL HOUSEHOLD INCOME

(Page 21 of ?)

Lab: Harrogate
Biomarker: Hb adduct of 4-aminobiphenyl (pg/g hemoglobin)
Timepoint: Overall*

Characteristic	Statistic	Smokers			Non-Smokers		
		Male	Female	Overall	Male	Female	Overall
$19,999 or less	N	5	5	10	9	4	13
	MEAN, GEO MEAN	64.36, 58.63	108.42, 53.13	86.39, 55.81	9.53, 8.48	9.37, 9.07	9.48, 8.66
	SD, SE	28.375, 12.690	168.100, 75.177	116.000, 36.683	5.256, 1.752	2.843, 1.422	4.522, 1.254
	MEDIAN	67.28	37.03	45.08	7.95	8.62	7.95
	MIN, MAX	27.76, 99.13	19.29, 408.68	19.29, 408.68	3.88, 20.87	6.91, 13.31	3.88, 20.87
	5%, 95%	27.76, 99.13	19.29, 408.68	19.29, 408.68	3.88, 20.87	6.91, 13.31	3.88, 20.87
$20,000 to $39,999	N	5	10	15	10	16	26
	MEAN, GEO MEAN	26.05, 21.85	35.80, 33.38	32.55, 28.98	5.23, 5.05	8.04, 7.59	6.96, 6.49
	SD, SE	18.660, 8.345	11.854, 3.748	14.575, 3.763	1.498, 0.474	2.998, 0.749	2.853, 0.560
	MEDIAN	19.50	36.73	32.67	4.93	7.66	6.25
	MIN, MAX	12.37, 57.36	11.43, 50.52	11.43, 57.36	3.62, 8.05	4.07, 16.35	3.62, 16.35
	5%, 95%	12.37, 57.36	11.43, 50.52	11.43, 57.36	3.62, 8.05	4.07, 16.35	3.83, 11.65
$40,000 to $49,999	N	5	8	13	6	9	15
	MEAN, GEO MEAN	48.54, 45.52	28.96, 25.20	36.49, 31.63	7.81, 7.19	7.59, 7.24	7.67, 7.22
	SD, SE	19.197, 8.585	13.276, 4.694	17.999, 4.992	3.375, 1.378	2.557, 0.852	2.796, 0.722
	MEDIAN	51.26	29.37	36.14	7.63	6.81	6.81
	MIN, MAX	26.07, 77.16	6.35, 48.04	6.35, 77.16	4.25, 12.53	4.71, 12.54	4.25, 12.54
	5%, 95%	26.07, 77.16	6.35, 48.04	6.35, 77.16	4.25, 12.53	4.71, 12.54	4.25, 12.54
$50,000 or more	N	3	9	12	5	7	12
	MEAN, GEO MEAN	30.77, 28.03	32.94, 26.27	32.40, 26.70	8.65, 7.84	9.88, 8.74	9.37, 8.35
	SD, SE	15.648, 9.034	23.226, 7.742	20.924, 6.040	4.118, 1.842	6.142, 2.322	5.210, 1.504
	MEDIAN	29.03	24.18	26.13	8.71	7.24	7.98
	MIN, MAX	16.07, 47.22	6.31, 79.08	6.31, 79.08	4.08, 14.31	5.46, 22.96	4.08, 22.96
	5%, 95%	16.07, 47.22	6.31, 79.08	6.31, 79.08	4.08, 14.31	5.46, 22.96	4.08, 22.96

* Overall values calculated by first averaging the results across visits within a subject, then calculating the descriptive statistics across subjects. Count of BLQ values does not apply as the BLQ values were converted to the upper limit of the BLQ (e.g., '<1.234' will be used as '1.234') for the averages across visits within a subject thus eliminatig all BLQ values for the overall statistics.

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